

Navigation system

TravelPilot RGS 08

Operating instructions



General information



Operating the system while driving

Allowing yourself to be distracted by the TravelPilot RGS 08 can lead to a situation where you are “driving blind”.

If you are not paying attention to the current traffic situation around you, you could cause a serious accident.

Please consider the fact that at a speed of 50 km/h you are travelling 14 m every second.

- Before starting off on your journey, make sure you have familiarised yourself with the system.
- While you are driving, only use the voice output and directional symbols on the monitor.
- Stop your vehicle at a suitable location if you wish to re-program the TravelPilot RGS 08 or look up more detailed information.

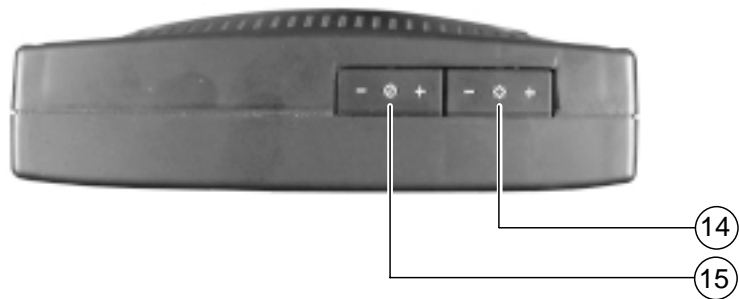
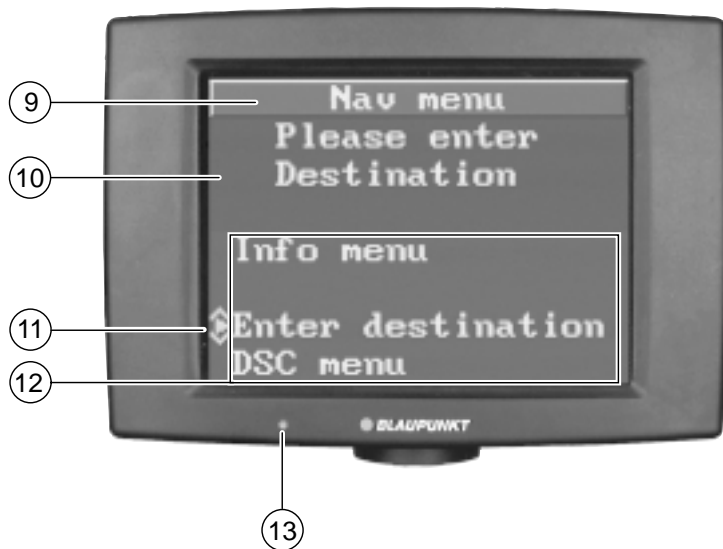
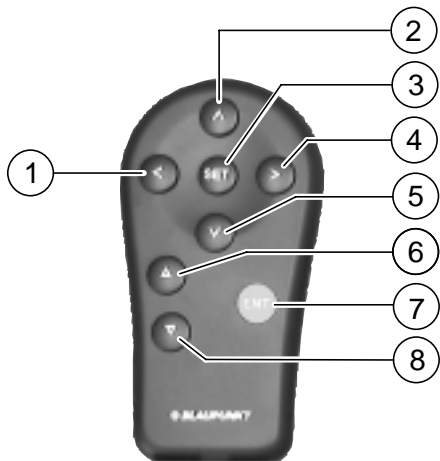


Route guidance

The current traffic routing situation can differ from the data stored on the CD-ROM.

Due to system limitations, the TravelPilot RGS 08 cannot warn of altered traffic routing conditions e.g. due to road construction measures. If you do not pay attention to the actual traffic routing conditions, there is a danger that you will cause a serious accident. Furthermore, you will be violating road traffic regulations.

- Please ensure that you take notice of signs relating to the current traffic routing situation. As the driver, you are solely responsible for traffic safety.
- Use the latest CD-ROM for the TravelPilot RGS 08. Ask your dealer for the latest update.



Control and display elements for the T ravelPilot RGS 08

- | | |
|--|--|
| <p>① < Select characters,
switch on/off status bar in map,
exclude routes in traffic congestion menu.</p> <p>② ^ Select characters,
page through lists,
change zoom range in map displays,
increase voice output volume for navigation.</p> <p>③ SET Set selected characters,
change the monitor operation mode.</p> <p>④ > Select characters,
repeat voice output,
exclude routes in traffic congestion menu.</p> <p>⑤ v Select characters,
page through lists,
change zoom range in map displays,
decrease voice output volume for navigation.</p> <p>⑥ Δ Move cursor up,
switch between navigation and map display</p> <p>⑦ ENT Enter key (confirmation)</p> <p>⑧ ∇ Move cursor down,
call up traffic congestion menu during navigation</p> | <p>⑨ Header line</p> <p>⑩ Input field</p> <p>⑪ Cursor is controlled using ⑥ and ⑧.
The arrows displayed with the cursor indicate the direction(s) in which the cursor can be moved.</p> <p>⑫ Selection field</p> <p>⑬ Automatic brightness control</p> <p>⑭ Basic brightness, can be adjusted by pressing + and –.</p> <p>⑮ Contrast, can be adjusted by pressing + and –.</p> |
|--|--|



Area of use

The TravelPilot RGS 08 has been designed for use in passenger cars.

The CD-ROM currently does not include any limitations relating to lorries and buses such as height restrictions or maximum permitted loads. If these are disregarded, there is a danger that you will cause an accident. Furthermore, you will be violating road traffic regulations.

- The TravelPilot RGS 08 can only be used, without any limitations applying, in passenger cars.

Product information

The TravelPilot RGS 08 is an active, autonomous route guidance system.

Using this system, you can let yourself be guided to your required destination if a navigation CD has been inserted that is valid for your present location and destination in question.

Other CDs, such as the Merian Scout travel guide and country-specific CDs, are also available.

The guidance system provides audio-visual information. You will be given precise information over the car stereo

loudspeakers with regard to such things as when and where to take the next road turning.

The volume and tone of the voice output can be adjusted. The monitor displays the same information visually. Furthermore, the name of the street that the vehicle is presently driving down is displayed as well as the current distance to the destination. Prior to taking a turning, the name of the road that is to be turned into is also displayed.

If you did not follow a suggested direction, a new route to the destination will be calculated within a few seconds. So, for instance, this means that you can by all means take a "secret route around the houses" that you are familiar with even though the TravelPilot has at the time given you other directions.

The system knows where one-way streets, areas restricted to traffic (e.g. pedestrian precincts, etc.) and no-left or no-right turns are situated, and takes these into account when calculating routes for passenger cars.

Delivery

TravelPilot RGS 08

The navigation system comprises a powerful computer with integrated CD-ROM drive, GPS receiver, gyro, remote control, a 5" colour monitor, a GPS antenna and the latest CD-ROM version.

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If you are not paying attention to the current traffic situation around you, you could cause a serious accident. Please consider the fact that at a speed of 50 km/h you are travelling 14 m every second.

- Before starting off on your journey, make sure you have familiarised yourself with the system.
- While you are driving, only use the voice output and directional symbols on the monitor.
- Stop your vehicle at a suitable location if you wish to re-program the TravelPilot RGS 08 or look up more detailed information.

Switching on the TravelPilot

The TravelPilot switches on when you turn on the ignition.

The navigation page that was displayed last before the unit was switched off will be displayed. If the monitor displays the map (only during standby time) then,

- switch to the Nav menu by pressing ENT.

Nav menu

You will either be prompted to enter a destination or the system will display the destination that was selected last.

You can select the following functions from the Nav menu:

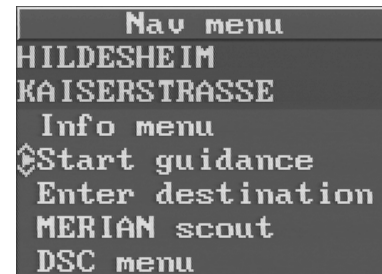
Info menu

Start guidance (when a destination has been entered)

Enter destination

MERIAN scout (if a travel guide CD has been inserted)

DSC menu



Entering a destination

- Press Δ / ∇ to position the cursor next to **Enter destination** and
- confirm your selection by pressing ENT.

The monitor will then display a list of possible destination entry **options**:

Dest. from memory

Condition for usage: at least one destination must already be stored.

City

If the destination is located in a different city/town to that of the last destination.

Street/Junction

If the destination is in the same city/town.

Condition for usage: the last destination to be entered contains a city/town name.

Other local

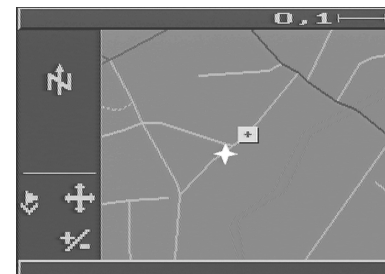
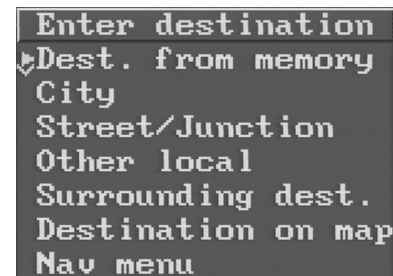
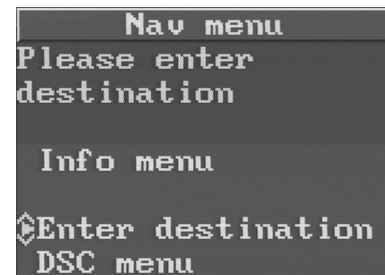
If you want to select as your destination the city/town centre or other special destinations nearby.

Surrounding dest.

If your destination is a motorway exit, motorway service area, motorway intersection or an airport.

Destination on map

If you want to select a destination directly off the map.



Dest. from memory

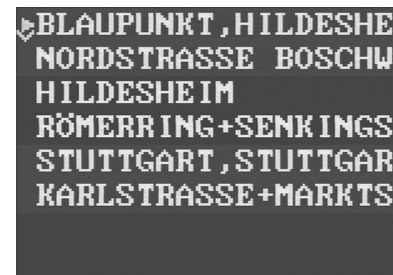
At least one destination must be stored in the memory.

Press \wedge / \vee to page through the list.

Press the Δ / ∇ cursor keys to select a destination. Press $<$ / $>$ to move the selection to the left/right.

Press ENT to confirm.

Return: position the cursor on **Enter destination** using Δ / ∇ and confirm your selection with ENT.



City

For entering the city/town destination.

The name of the last town to be selected as a destination will be displayed. Accept the displayed town by pressing ENT or enter a new town as follows.

Press \wedge / \vee and $<$ / $>$ to move the cursor to the first letter. Press SET.

The input field is cleared and the first letter is then entered.

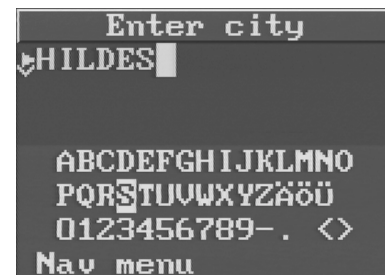
In order to find your required city name as quickly as possible in the city list, you will need to enter between one and six letters (depending on how unique the name is).

For example:

Xanten — 1 letter (X)

Münchweiler — 6 letters (MÜNCHW)

You can access the place name list by pressing ENT.



Press \wedge / \vee to page through the list. Position the cursor using Δ / ∇ next to the city/town name and confirm by pressing ENT.

Change city

Use this to change a city/town that you have already selected.

Nav menu

To cancel your selection and return to the Nav menu.

Centre

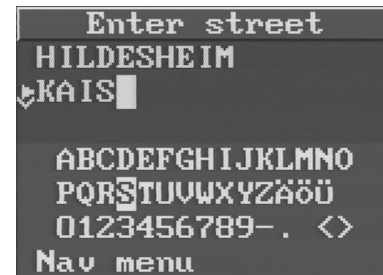
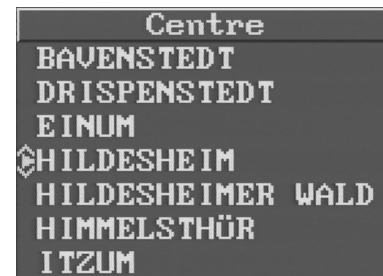
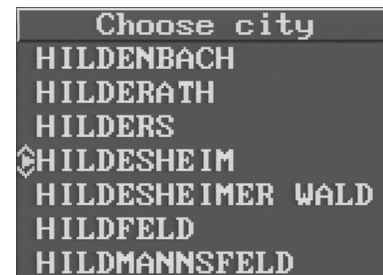
If you select "Centre", the monitor will display a list, if available, of all the different areas of town that comprise your selected town and that are stored on the CD.

Street/Junction

This menu item is only displayed if streets in the destination town have been digitised. Entering letters is carried out in the same way as described previously for "city". As soon as you have confirmed the selected street by pressing ENT, it will be displayed below the selected city/town as your destination. In the case of town areas, the list of streets always relates to the city/town name that is first shown in the display.

Change street

Use this to change a street that you have already selected.



Nav menu

To cancel your selection and return to the Nav menu.

Junction

You can define your destination more precisely by entering a particular street junction.

By selecting “Junction”, all the streets will be displayed which either intersect or are directly joined on to the street you previously selected. Select the junction or turn-off point that is nearest to your destination and confirm your choice by pressing ENT.

Change 2nd street

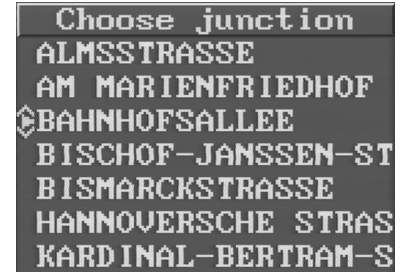
Use this to change a junction that you have already selected.

Nav menu

To cancel your selection and return to the Nav menu.

Other local

Local destinations such as the town **centre**, **railway station**, **car park**, **hospital**, etc. are displayed (if stored on the CD) to enable you to select a destination more quickly. It is possible that the “other local destinations” will be situated within a larger area around the selected town.



Surrounding dest. With this you can enter destinations that are out of town such as **motorway exit**, **motorway service** and **motorway junction** as well as **airport** and **border crossing**. The **airport** and **border crossing** items allow you to enter both regional and international airports and border crossings.

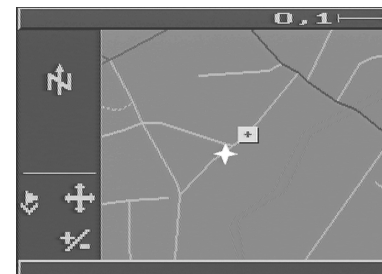
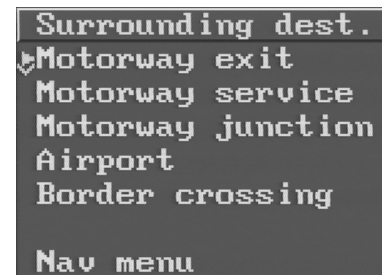
Store destination Before navigation is started, you can store the destination that you entered. To do so, place the cursor in front of **Store destination** and press ENT.

To find the destination quickly in future, you are given the opportunity to enter an abbreviated name for it.

If you do not want to enter an abbreviated name, just press ENT.

The destination will be stored.

Destination on map After selecting this menu item, the monitor will display a map that is orientated to true north showing the area around the destination that was selected last. If no destination was previously entered, the map displaying your present position will be shown instead. Using the menu items positioned in the left-hand screen border, you can easily change the way the \wedge , \vee , $<$ and $>$ keys function. Running



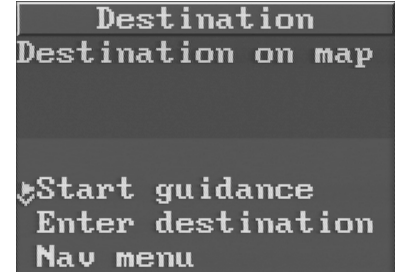
from top to bottom, the menu items have the following functions:

1. Move the destination marker ◆ to the left, right, up, down
2. Zoom function.

Position the cursor in front of the function required using the Δ / ∇ keys.

Depending on the function selected, you can then either use the \wedge , \vee , $<$ and $>$ keys to move the destination marker ◆ to the next map position that you want to drive to or, by pressing the \wedge / \vee keys, you can change the map scale (cursor must be positioned in front of \div). If the destination marker is moved off the edge of the map, the new map section will then automatically be displayed. After moving the marker to the required map position, press the ENT key. The destination can then be given an abbreviated name, however, if you do not want to do this, just press the ENT key.

The destination will then automatically be given the name, **Destination on map**. You can now either start route guidance or position the cursor in front of **Enter destination** to repeat the procedure for entering a destination. Press **Nav menu** to cancel the destination input procedure.



Start guidance

If the destination has been entered, the cursor will automatically be positioned in front of the **Start guidance** menu item.

By pressing the ENT key, the **Route options** menu will appear. The following options for calculating a route are available:

```
Destination
HILDESHEIM
KAISERSTRASSE
BAHNHOFSALEE
Store destination
Start guidance
Change 2nd street
Nav menu
```

Fast route

A route is calculated that requires as short a journey time as possible to your destination.

Short route

An optimised route is calculated to your destination. The route is kept as short as possible.

Individual

This menu item allows you to include or exclude the **Motorway**, **Ferry** and **Toll** options for the route calculation. To do so, move the cursor in front of the required option and confirm your selection by pressing the ENT key. By repeatedly pressing the ENT key, the selected option can be activated (with) or deactivated (w/o i.e. without). Furthermore, using this same method of selection with the **Route** menu item, you can set whether a quick or short route should be calculated on the basis of the selected options. Any combination of options can be selected (e.g. with motorway - with ferry - no toll - short route).

```
Route options
Fast route
Short route
Individual
Nav menu
```

```
Individual
Start guidance
Motorway      with
Ferry         with
Toll          w/o
Route         short
Nav menu
```

After you have selected the options you require, position the cursor in front of **Start guidance** and begin the route calculation process by pressing the ENT key.

Note:


A situation may arise where a route is calculated which includes an option that you actually wanted excluded when making your selections. If, for example, you selected the “without ferry” option but your destination is only reachable by ferry because it is located on an island, the system will calculate a route using the “with ferry” option contrary to your selection.

After you have entered your destination and guidance has been started by pressing the ENT key, you can begin your journey. The system begins to calculate a route using the road map that is stored on the CD. The display shows a message informing you that the route is being calculated. Afterwards, an arrow appears indicating the direction in which the destination lies. The **Calculating route** message is displayed and the voice output indicates that: “The route is being calculated”. In addition, the distance to the destination “as the crow flies” is also displayed.

Individual	
Start guidance	
Motorway	with
Ferry	with
Toll	w/o
Route	short
Nav menu	

Fast route
to destination
HILDESHEIM
KAISERSTRASSE
BAHNHOF SALLEE
is being calculated
Please wait ...
»Abort

Calculating route



461
km

»Nav menu

If you are travelling in your vehicle down a digitised street, you will be guided to your destination (after the route calculation has been completed) by spoken recommendations and by the navigation symbols in the display.

The voice output volume can be increased/decreased during navigation by pressing the \wedge / \vee keys. If you press the $>$ key, the latest voice announcement will be repeated. By pressing the ENT key during your journey, the destination information will be displayed for approx. 4 seconds. While the destination information is being shown, you can switch to the Nav menu by pressing the ENT key again in order to, say, access the Info menu.

If you are driving your vehicle down a non-digitised road (e.g. car park, garage, multi-storey car park) the **Off road** message will be displayed. If you are driving your vehicle outside the digitised network (e.g. abroad), **Off map** will be displayed.

In such cases, you can orientate yourself by referring to the arrow shown in the display which indicates the direction in which your destination lies.

After entering the digitised network again from a non-digitised road, the system requires a few hundred metres of travel distance before it can start issuing route recommendations again.

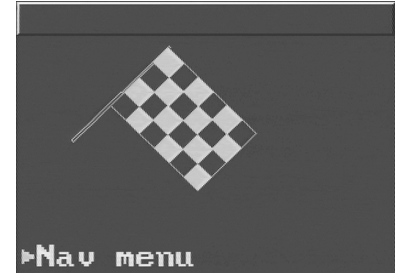


Should you leave the recommended route, the system will automatically calculate a new route to your destination from your current position.

Upon reaching your destination, the display will show a chequered flag and a voice announcement will be made: "You have reached your destination". After the flag disappears, the monitor will then only display the name of the street you are presently driving down or, if your vehicle is stationary, the **Nav menu** will be shown.

Note:

If the destination you entered is not included in the digitised network of streets (e.g. special destinations such as workshops, etc.), an arrow will appear in the display, as soon as you leave the digitised area, indicating the direction in which your destination lies. The voice output announcement for this is: "You have reached the area of your destination". If you are in the immediate vicinity of your destination, the voice output announcement will inform you that: "You have reached your destination". If the destination you selected (e.g. a stored location) is not situated within the digitised area, you will hear the announcement: "No route guidance is available to your destination". The display will then show **No route** and the arrow will point in the direction in which the destination lies.



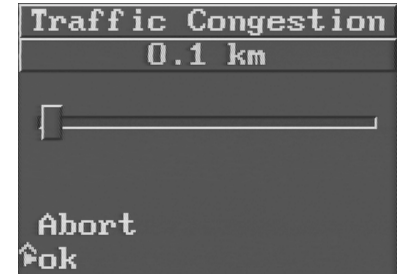
Traffic congestion

Using the “Traffic congestion” function, the calculated route can be altered according to the current traffic situation. This means that if you see a problem with the traffic up ahead or you are informed about this over the radio (e.g. a traffic jam or road works), you can exclude certain route sections starting from your current vehicle position. The route sections that can be excluded refer to the road network that lies ahead of you and your vehicle. Each section comprises the section of road located between two road junctions. The first section that can be excluded comprises the length of road starting from your vehicle and ending at the next junction but one. The navigation system then calculates a new route starting from the next possible turning which, if possible, will bypass the traffic disruption. To call up the traffic congestion function, press the ∇ key.

For example:

You have entered a small town and are driving your vehicle between road turning A and turning B. The travel information you hear on the radio informs you that there is a disruption to traffic between turning C and D.

Now press the ∇ key and the traffic congestion menu will appear. A slider control will appear with a certain distance displayed above



it. This is the distance from the current vehicle position up to junction C. By pressing the > key, you can add the subsequent route section to this selection as well.

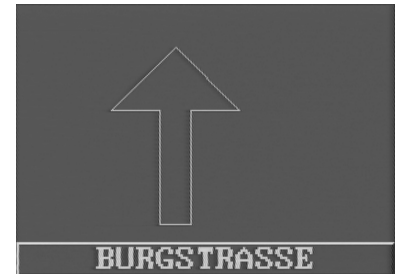
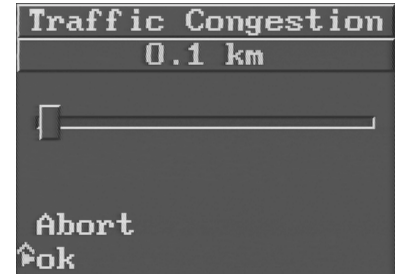
In our example, this would be the section between C and D. By pressing the < key, the sections you selected can be removed from the exclusion list again. Once you have selected the desired length of the route section to be excluded, press the ENT key. A new route will then be calculated taking the traffic disruption into account.

By pressing the **Abort** menu item, you can leave the traffic congestion menu without any changes having been made. The navigation menu will then be displayed again.

If an alternative route was calculated and you press the ▽ key again, the traffic congestion menu will appear again and will offer you the additional option of deleting the alternative route. If you want to do this, position the cursor in front of **Delete** and press the ENT key. A new route will then be calculated and the navigation menu will appear.

Note:

The traffic congestion function is cancelled either when the destination has been reached, when a new destination is entered or when a new traffic jam is entered.



Information on the display

During route guidance, two types of display can be shown on the monitor:

- navigation symbols (driving recommendation symbols)
- map display.

Navigation symbols

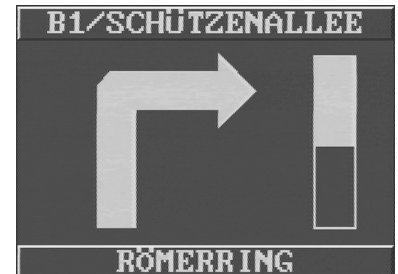
If the map display has been activated, you can switch to the navigation symbol display by pressing Δ .

The monitor will then display:

- the driving recommendation symbol (in the centre)
- the distance remaining to the destination (top left)
- the driving time remaining to the destination (top right)
- the distance to the next turn
- off point (on the right next to the driving recommendation symbol)
- the street you are currently driving down or, if your vehicle is stationary, the Nav menu (at the bottom)

As you approach a turn-off point, the monitor will display:

- the name of the street that you are being recommended to turn in to (at the top). This will be displayed until you take the turn.
- a bar graph representing the distance up to the next recommended turning (to the right next to the driving recommendation symbol)



Map display

If the navigation symbol display has been activated, you can switch to the map display by pressing the Δ key. The map will be shown orientated in the direction of travel when using map scales of up to 20 km. At a scale greater than 20 km, the map will be displayed orientated in the direction in which your destination lies, and at a scale greater than 100 km the map will be shown orientated in a northerly direction. The scale can be adjusted by pressing the \wedge / \vee keys.

The map display shows:

- the route that has been calculated (flashing).
- the current vehicle position \blacktriangleright and, depending on the map scale, the destination \blacklozenge as well.
- the name of the street currently being driven down (at the bottom).
- the actual distance left to drive to your destination (above left) or the name of the street into which you are supposed to turn.
- the selected map scale (above right).
- an info bar (left) containing the time to travel, route recommendation, compass, GPS status and the direction in which the destination lies. This info bar can be switched on or off by pressing the $<$ key.
- a colour street map with a light grey basic background colour and including railway lines, rivers and special map symbols.
- towns and places depicted in a dark grey colour.
- city parks (scale 100 m – 500 m) and national parks (scale 1 km – 5 km) are displayed in green, and rivers and lakes in blue.



Roads are depicted using the following colour coding:

red	=	motorways
yellow	=	A-roads (up to a scale of 100 km)
green	=	B-roads (up to a scale of 10 km)
dark green	=	major residential roads (up to a scale of 2 km)
light brown	=	residential roads (up to a scale of 0.2 km)
light brown with dots	=	factory premises (only at a scale of 0.1 km)
green with dots	=	pedestrian precincts (up to a scale of 0.2 km).

Map symbols

Depending on the map scale selected and the CD being used, various symbols relating to sites of general interest will be displayed on the map.

The symbols have the following meanings:

Symbol	Meaning
--------	---------



Car rental



Train station



Shopping centre



Airport



Hotel



Hospital



Public places



Car park



Park & Ride

Symbol	Meaning
--------	---------



Post office



Picnic area with shop



Restaurant



Sports centre



Petrol station



Theatre/cinema



Toilet



Repair workshop

Info menu

Location map

A map is displayed indicating your vehicle's current position. The map will be displayed orientated in the direction of travel using scales of up to 20 km. At a scale greater than 20 km, the map will be displayed orientated in the direction in which your destination lies, and at a scale greater than 100 km the map will be shown orientated in a northerly direction. The scale can be adjusted by pressing the \wedge / \vee keys.

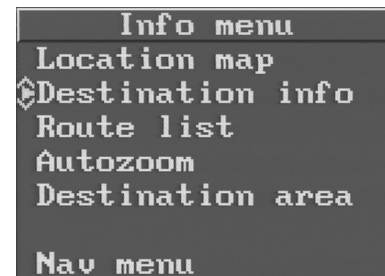
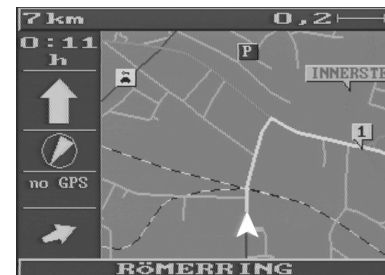
While your vehicle is stationary:

Return to the info menu by pressing the ENT key.

While driving:

By pressing the ENT key the destination information will be displayed for approx. 4 seconds.

Return to the info menu: while the destination information is being displayed, press the ENT key again. If navigation is active, you can switch to the navigation symbol display by pressing Δ .



Nav menu

Return to the Nav menu.

Only after “Enter destination” and “Start guidance”:

During the journey, these menus will be updated continuously and audio navigation will take place.

Destination info

The travel time, distance to the destination and the destination's place name are displayed.

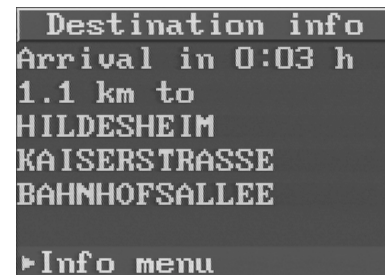
Return via **Info menu**.

Route list

This will display a list of streets that you will be driving down between your present location and destination. If need be, you can page up/down using Δ / ∇ or \wedge / \vee . Return via **Info menu**.

Note:

Even if you have set a route to be calculated which excludes the use of motorways, the route will initially still be calculated and displayed by the system with motorways included whilst you are still a long distance away from your final destination. Since the route is continuously optimised by the system throughout the journey, the route can still fulfil your selected requirements (i.e. by not using motorways) as you draw closer to your required destination.



Autozoom

Displays your current position ➤, destination ♦ and route using the largest possible map scale.

➤ = present position

♦ = destination

The map is orientated northwards by default. The position arrow indicates the current direction in which you are driving with respect to north. The map scale can be adjusted with ^ and the optimum scale can be set by pressing V.

Changing the scale in **Autozoom** will not alter the scale used for the navigation map.

While your vehicle is stationary:

Return to the info menu by pressing the ENT key.

While driving:

By pressing the ENT key, the destination information will be displayed for approx. 4 seconds.

Return to the info menu: while the destination information is being displayed, press the ENT key again. If navigation is active, you can switch to the navigation symbol display by pressing Δ.



Destination area

Displays the destination area using the same scale as that for the position map. The map scale can be adjusted using \wedge / \vee .

The map is orientated northwards.

While your vehicle is stationary:

Return to the info menu by pressing the ENT key.

While driving:

By pressing the ENT key the destination information will be displayed for approx. 4 seconds.

Return to the info menu: while the destination information is being displayed, press the ENT key again. If navigation is active, you can switch to the navigation symbol display by pressing Δ .



DSC menu (Direct Software Control)

The DSC menu can be used to customise the system according to your preferences. It comprises the following items:

- Nav menu
- Destination memory
- Delete curr. dest.
- Enter location
- Route options
- Audio
- GPS status
- Standby time
- Version
- Demo

Nav menu Return to the Nav menu.

Destination memory Use this menu item to edit the destination memory. The following options are available for this:

Sort ABC . . .

Sort the destinations alphabetically.

Sort distance

Sort the destinations according to their distance from your current position.

The order displayed in the destination memory changes as your location changes.

```
DSC menu
↳Nav menu
Destination memory
Delete curr. dest.
Enter location
Route options
Audio
GPS status
```

```
DSC menu
Enter location
Route options
Audio
GPS status
Standby time
Version
↳Demo
```

```
Destination memory
↳Sort ABC...
Sort distance
No sort
Store destination
Location as dest.
Delete destination
DSC menu
```

No sort

Switch sorting back to the order in which the destinations were entered.

Store destination

For storing the destination that was entered last.

To find a destination quickly in future, you can give it an abbreviated name.

If you do not want to enter an abbreviated name, just press ENT.

Location as dest.

You can store your present location as a destination. This is recommended in particular if you are in a town which is unfamiliar to you and you want to return to your present location such as a hotel. You will have to enter an abbreviated name for the location. The abbreviated name must be unique. If it already exists, you will be prompted to enter a new name.

Delete destination

Use as required. Select the destination to be deleted using the \wedge / \vee keys and confirm by pressing the ENT key.

Confirm **yes / no** by pressing the ENT key. The destination will be cleared from memory.

DSC menu

Return to the DSC menu

```
Enter short name
HILDESHEIM
KAISERSTRASSE
ABCDEFGH IJKLMNO
PQRSTUVWXYZäöü
0123456789- . <>
DSC menu
```

```
Destination memory
Sort ABC...
Sort distance
No sort
Store destination
Location as dest.
Delete destination
DSC menu
```

Delete curr. dest.

Use to delete the destination that was entered last (i.e. the current destination). You will be asked to enter a new destination.

Enter location

If your vehicle has been transported by train or ferry, the new vehicle location will need to be entered into the system. This takes place automatically using GPS after travelling a few hundred metres. If the system cannot get a position fix automatically, a position will have to be entered manually.

Note:

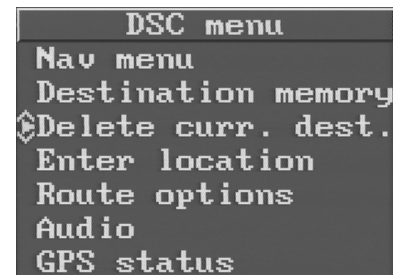
The new position must be a road junction or a stored location.

From memory

You can enter a stored destination for your current position. The destinations that are suitable for entering as the new current position are highlighted in colour.

City/Junction

You can enter the new position using the following order: city, street, junction. Ambiguous junctions also exist such as ring roads. These are not suitable for the new location entry.



Map

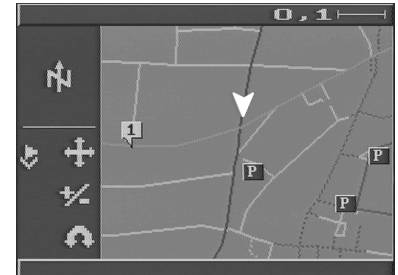
Using the menu items positioned in the left-hand screen border, you can easily change the way the Δ , ∇ , $<$ and $>$ keys function. Running from top to bottom, the menu items have the following functions:

1. Move the vehicle symbol \blacktriangleright to the left, right, up, down.
2. Zoom function.
3. Orientate the vehicle symbol \blacktriangleright in the direction of travel.

Select the required function using the Δ / ∇ keys. Depending on the selected function, you can then either use the Δ , ∇ , $<$ and $>$ keys to move the vehicle symbol \blacktriangleright to the actual current position or, by pressing the Δ / ∇ keys, you can change the map scale (cursor is positioned in front of $+/-$), or change the direction of travel (cursor is positioned in front of \curvearrowright).

DSC menu

Return to the DSC menu



Route options

Use this to: (a) configure the default settings which take effect after “Start guidance” has been activated and, (b) set the position of the cursor.

DSC menu

Return to the DSC menu

Fast route

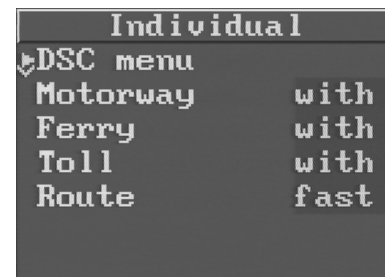
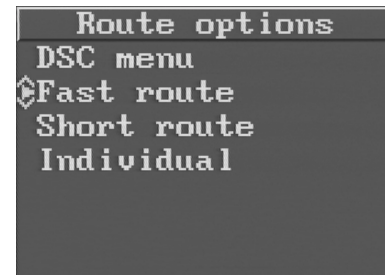
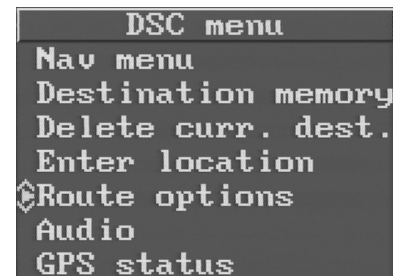
If “Fast route” is selected and then activated by pressing the ENT key, the cursor will automatically be positioned in front of “Fast route” after the “**Start guidance**” menu item has been activated.

Short route

If “Short route” is selected and then activated by pressing the ENT key, the cursor will automatically be positioned in front of “Short route” after the “**Start guidance**” menu item has been activated.

Individual

This allows you to set optional preferences for the route calculation which will automatically be set by default if “Individual” is selected as the route calculation option after “Start guidance”. To do so, move the cursor in front of the required option and confirm your selection by pressing the ENT key. By repeatedly pressing the ENT key, the selected option can be activated (with) or deactivated (w/o, i.e. without).



Audio

Local language

You can select one of the listed languages to be used for the display and voice output. If the local language is changed, the voice output function will automatically be reloaded.

Note:

For some language which can be selected, e.g. Danish and Swedish, the menus are displayed in these languages but voice output will be in English.

Load language

If the supply voltage is interrupted or the battery disconnected, a situation may arise where voice output is incomplete or distorted. Should this be the case, you will need to reload the language.

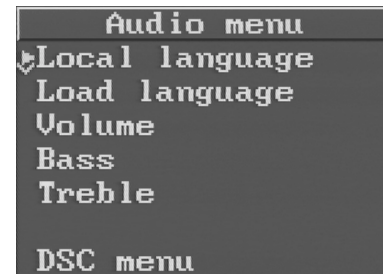
Note:

Loading the language usually takes approx. 30 seconds.

Volume

If you select **Volume**, you can set the default volume (power-on volume) by pressing \lt / \gt .

You can make adjustments to this basic volume setting during navigation by pressing \wedge / \vee . These adjustments are valid until the unit is switched off.



Bass

You can adjust the bass settings with </>.
An audible response will follow.

Treble

You can adjust the treble settings with
</>. An audible response will follow.

DSC menu

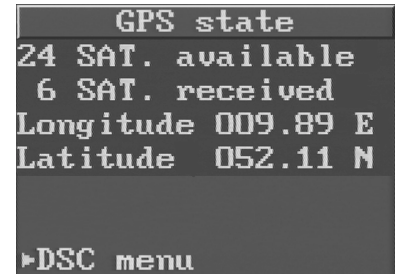
Return to the DSC menu.

GPS status

You will be informed of how many satellites are available and how many of them are being received. In addition, the position (geographical longitude and latitude) of the vehicle will also be displayed.

DSC menu

Return to the DSC menu.



The image shows a monochrome display with the following text:

```
GPS state
24 SAT. available
 6 SAT. received
Longitude 009.89 E
Latitude 052.11 N

DSC menu
```

Standby time

When the vehicle engine is turned off, the TravelPilot will also be switched off completely. When the TravelPilot is switched on again, navigation will have to be restarted. In order to keep navigation active, you can set a standby time. During standby time, the monitor remains dark but the prior set state of the unit will be stored in memory.

This will then be displayed immediately after you start your vehicle up again and navigation will continue automatically.

The maximum standby time is 45 minutes even if a longer time has been entered.

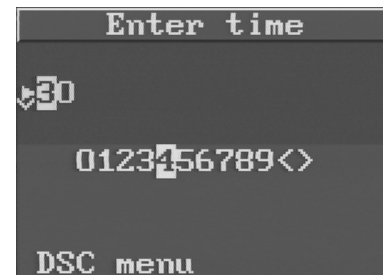
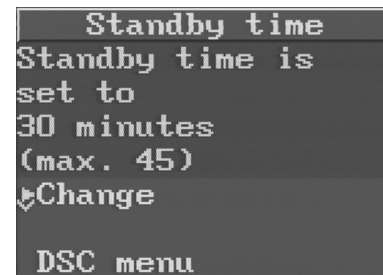
Version

Display the software version.

Demo

Navigation system simulation.

For a description, see page 40.



Example for entering a destination

Selected destination:

Hildesheim, junction Kaiserstraße/Bahnhofsallee

Using the cursor, select the following menu items in the following order and confirm by pressing ENT.

- Nav menu
- Enter destination
- City

The header line will display “Enter city”.

Select the letter “H” by

- pressing \wedge / \vee or $<$ / $>$ until “H” is displayed inversely.
- press SET.

“H” will now appear in the input field.

Now select the letters “I”, “L”, “D”, “E” and “S” one after another. The input field should now contain “HILDES”.

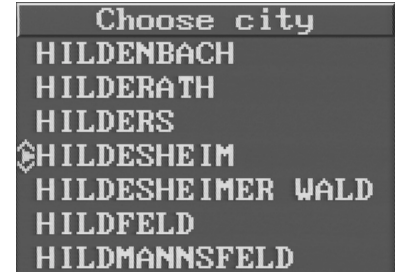
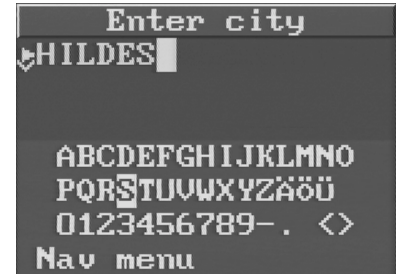
This entry will be sufficient to come close to the city name HILDESHEIM in the index.

- Conclude the input procedure by pressing ENT.

The place name index will then be displayed and the cursor will be positioned next to HILDESHEIM.

- Press ENT.

After a short time, the monitor will display the selected destination, HILDESHEIM.



Note:

If you do not see the place name you require in the overview, you can page through the index by pressing \wedge / \vee .

Since, in this example, we want to enter the junction Kaiserstraße/Bahnhof-sallee,

- position the cursor on “Street/Junction” and
- press ENT.

Select the letter “K” by

- pressing \wedge / \vee or $<$ / $>$ until “K” is displayed inversely.
- press SET.

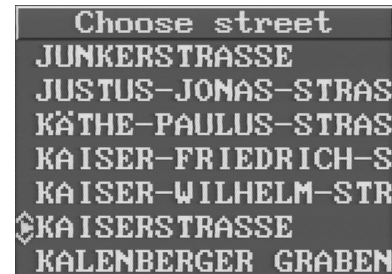
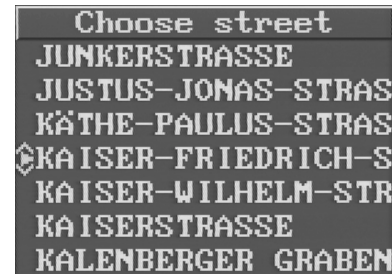
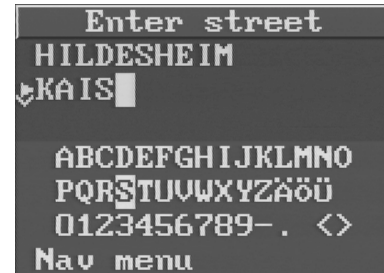
“K” will now appear in the input field.

Now select the letters “A”, “I” and “S” one after another. The input field should now contain “KAIS”.

This entry will be sufficient to come close to the street name KAISER-STRASSE in the index.

- Conclude the input procedure by pressing ENT.

The cursor will be positioned next to KAISER-FRIEDRICH-S, i.e. the first street name beginning with “KAIS”.



Note:

The monitor will display “KAISER-FRIEDRICH-S” because the street name is too long for the monitor’s screen. You can read the rest of the name by pressing >. In this case the name is actually KAISER-FRIEDRICH-STRASSE.

- Position the cursor on KAISERSTRASSE and
- press ENT.

After a short time, the monitor will display the selected destination, “HILDESHEIM KAISERSTRASSE”.

This amount of information is already sufficient to start navigation, however, in this example, the destination we want is the junction Kaiserstraße/ Bahnhofsallee.

- Now position the cursor on “Junction” and
- press ENT.

The monitor will display all streets that intersect or join on to Kaiserstraße.

- Now position the cursor on BAHNHOFSSALLEE and
- press ENT.

The destination entry is now complete, the monitor displays the destination “HILDESHEIM KAISERSTRASSE BAHNHOFSSALLEE” and the cursor is positioned in front of **Start guidance**.

```

Choose street
STRASSE
-JONAS-STRASSE
PAULUS-STRASSE
◀-FRIEDRICH-STRASSE
-WILHELM-STRASSE
STRASSE
ERGER GRABEN
  
```

```

Destination
HILDESHEIM
KAISERSTRASSE
◀Junction
Store destination
Start guidance
Change street
Nav menu
  
```

```

Destination
HILDESHEIM
KAISERSTRASSE
BAHNHOFSSALLEE
Store destination
◀Start guidance
Change 2nd street
Nav menu
  
```

Day/night mode

The monitor display can be switched to:

- Day mode
- Red mode
- Black mode

It is recommended that the display be set to “red mode” or the monitor be switched off if the bright coloured display becomes irritating, especially, for example, while driving at night.

Switching:

- Press SET as many times as is necessary until the required mode appears.

If the screen is set to “black mode”, you can switch back to “day mode” by pressing any key.

Demo mode

Guide for operating the system when installed in a shop display panel:

If the RGS 08 is to be operated in demo mode while installed in a presentation panel (e.g. in a shop display), a minimum calibration must be carried out. Firstly, switch off the TravelPilot. Next press the cursor down ▽ key and switch on the TravelPilot. After the service menu appears, close it by accessing the **Navigation** menu item.

To run the demo mode, proceed as follows:

1. Select **Demo** from the DSC menu. The demo menu will then appear.
If **Normal** is selected, the route will be travelled along only once and will then stop. A new destination must then be entered and route guidance must be restarted.
If **Auto repeat** is selected, the demo will run in a continuous loop, i.e. it will continue to repeat the route from the starting point to the destination.
2. After selecting one of these menu items, the system will restart.
3. After the system has restarted, select **Enter location** from the DSC menu and, as described in the chapter entitled “Example for entering a destination”, select a town, a street and the appropriate junction. After entering the address, the distance to the junction must then be entered.
It is recommended that the position be set to 50 metres ahead by positioning the cursor in front of **50 m ahead** and pressing ENT.
4. Next, select **Set location** and press the ENT key.

```
DSC menu
Enter location
Route options
Audio
GPS status
Standby time
Version
↵Demo
```

```
Demo
↵Normal
Auto repeat

DSC menu
```

```
Enter location
Distance to
junction: (ca.)
200 m ahead
100 m ahead
↵50 m ahead
0 m
50 m behind
```


5. Now enter a destination in the usual manner and start route guidance. After the route has been calculated, the demo will run automatically. While in demo mode, all functions can be operated as if the unit were operating under real conditions.
6. The system can be made to return to normal navigation mode by selecting the **Navigation** menu item in the DSC menu. The navigation computer will then restart and will return to the Nav menu.

Appendix

CD-ROM

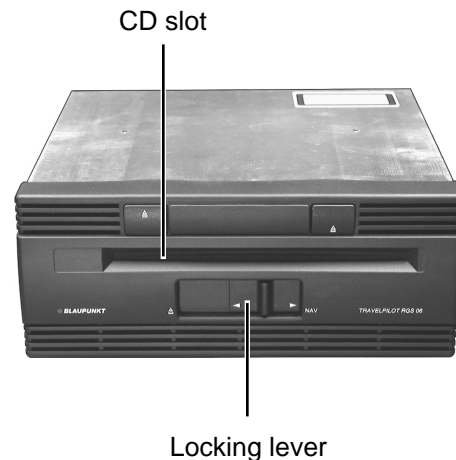
The data required for route guidance are stored digitally on the CD-ROM. For details on the exact contents of the CD, please refer to the information accompanying it.

Changing the CD

The CD-ROM can only be changed whilst the vehicle is stationary. The system must be switched on. To eject a CD-ROM, slide the locking lever to the left. The CD-ROM will then be ejected. While the CD is being ejected, the locking lever must not be slid back to the right. Carefully insert the new navigation CD-ROM – with its label facing uppermost – as far into the CD slot as necessary until the CD-ROM player begins to draw the CD in by itself. After the CD has been drawn in completely, slide the locking lever back to the right again.

Note:

After changing the CD, the system will, if necessary, automatically reload the language. Loading the language usually takes approx. 30 seconds.



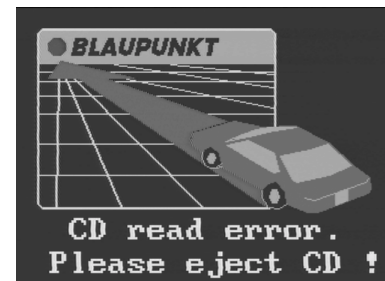
Wrong CD-ROM

If the wrong CD-ROM is inserted into the navigation computer, the following error message will appear: "CD read error. Please eject CD !". If this is the case, remove the incorrect CD-ROM and replace it with the correct one. For technical reasons this error message will also appear if the maximum permitted temperature is exceeded while the unit is operating. Let the unit continue running until the internal ventilation fan has cooled the computer down to its normal operating temperature. When this has been achieved, the computer will automatically start up again and the main navigation menu will appear.

Tyre change and calibration

When changing the vehicle's tyres from summer to winter tyres and back again, errors in distance measurements may arise (in particular if using wheel sensors). If, after a tyre change, the resulting distance errors negatively influence the system's navigation behaviour, the system will need to be re-calibrated. Please consult a TravelPilot dealer with regard to this. Normal tyre wear is automatically taken into account by the system.

Caution: If calibration is incorrect, this can lead to a malfunctioning of the system. If in doubt, please consult a TravelPilot dealer.



Error messages

If one of the listed error messages appears in the top line of the display while the unit is in operation, please consult your service workshop.

Possible error messages:

- Check calibration
- Check travel sensor
- Check GPS antenna
- Defective GPS receiver
- Check GYRO

CD read error

This error appears if the data could not be read correctly from the CD-ROM (e.g. due to strong vibrations or a damaged CD-ROM). The error message will have no effect on the functioning of the navigation computer. If the error message does not disappear of its own accord, press any key on the control panel.

Cleaning the display

To clean the display, only use a damp cloth without any cleaning agents.

Subject to changes!

Blaupunkt-Werke GmbH
Bosch Gruppe

K7/VKD 8 622 401 206 D3 (GB)

